

# Index to Authors

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In abstracts of patents only the names of firms have been given and the abstracts have been indexed under these names. Where two firms have jointly taken out a patent, or where a paper has two or more authors, the names have been arranged in the index alphabetically, the entry appearing under the first name, with cross references from the others.

Names beginning with de, la, le, ter, van, von, etc. are indexed under the surname.

## Abbreviations of Names of Firms, etc.

The abbreviations listed below have been used in the *Journal*.

AATCC...	American Association of Textile Chemists and Colorists	Gevaert	Gevaert Photo-Producten N.V.
Aena	Aziende Colori Nazionali Affini	Gy	Geigy, J. R., A.G. The Geigy Co. Ltd.
AH	Arnold, Hoffman & Co. Inc.	HH	Hardman & Holden Ltd.
BASF	Badische Anilin- & Soda-Fabrik A.G.	IC	Interchemical Corp.
Br	Brotherton & Co. Ltd.	ICI	Imperial Chemical Industries Ltd.
BrC	British Celanese Ltd.	LBH	L. B. Holliday & Co. Ltd.
CFM	Cassella Farbwerke Mainkur A.G.	LT	Laporte Titanium Ltd.
CIBA	CIBA Ltd.	Montecatini	Montecatini Società Generale per l'Industria Mineraria e Chimica
DH	Durand & Huguenin S.A.	Rhône Poulenc	Société des Usines Chimiques Rhône-Poulenc
DuP	E.I. du Pont de Nemours & Co. Inc.	S	Sandoz A.G. Sandoz Products Ltd.
FBy	Farbenfabriken Bayer A.G.	YDC	Yorkshire Dyeware & Chemical Co. Ltd.
FH	Farbwerke Hoechst A.G.		
Fran	Compagnie Française des Matières Colorantes		
General Aniline	General Aniline & Film Corp.		

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## Z

# Index to Subjects

Vol. 78—1962

To reduce duplication of entries the following system has been adopted—

Acids, Agents, Dyes, Fibres, Oils, etc. are indexed under the qualifying term. For example, Dyes are entered under Acid, Azo, Direct, Disperse, Sulphur, Vat, etc. dyes.

Where an abstract describes a dye by both chemical and application class, e.g. Azo Acid Dye, the full entry is given under the *application* class with a cross-reference from the *chemical* class.

Abstracts dealing with processing, e.g. Bleaching of wool fibres, are indexed fully under the *process* with a cross-reference from the *fibre*.

Synonymous terms, e.g. Nylon and Polyamide, are cross-indexed; the full entry for a particular abstract is given under the term used in that abstract.

Trade names for fibres, dyes, etc. are not cross-indexed with the general class to which they belong.

So many systems are adopted for chemical names in the various journals abstracted that, in order to bring together as many as possible, they have, in general, been indexed under the parent group followed by the substituents arranged alphabetically.

The em rule (—) has been used to indicate the repetition from the preceding entry of all words before a comma. Thus, in

**Dyeing** acrylic fibres, with basic dyes  
— with direct dyes

the rule indicates that "acrylic fibres" is repeated. If no punctuation mark is given the whole entry is repeated. Thus, in

**Dyeing** anodised aluminium  
— and its alloys

the rule indicates that "anodised aluminium" is repeated.

A second em rule indicates repetition of all words up to the second comma, and so on.

Where the index entry differs appreciably from the title of an abstract, the title is given in parentheses after the index entry.

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893,003	357	894,813	360	896,111	422	897,436	576	898,819	586	900,148	588	901,687	632	903,106	625
604	357	818	355	112	422	437	466	845	508	149	579	692	572	126	575
607	350	833	417	197	474	484	466	874	508	164	565	694	576	135	630
622	362	859	353			487	468	881	468	178	566			136	630
662	416	892	417	232	423	488	467			186	516			138	633
681	351			239	421	489	463	901	519	193	586	748	572	157	625
		960	351	244	471			912	517					188	632
704	344	961	424	260	423	547	508	958	523	341	580	815	518		
731	360			264	469	554	468	968	524	354	572	877	572		
748	353	895,011	417	267	477	555	527	991	473	359	584	900	573	293	636
749	360	029	423	272	477			997	583	372	566	927	573	222	625
751	350	084	423	287	461	659	526	999	509	373	565	932	562	245	629
		098	432							391	573	950	517	268	574
821	354	099	432	307	468			899,006	565						
824	365			318	474	707	468	051	469	402	574	902,017	571	345	629
852	345	125	416	453	472	721	467	066	525	420	564	020	571	369	629
854	364			454	478	742	523			455	528	022	577	395	629
882	350	240	422	472	421	754	508	211	509			025	566	416	634
		249	420			757	509	316	573	506	566	061	578	423	630
901	365	250	429	533	469	781	523	331	508	514	577	074	579	470	625
909	358			590	469			336	508						
913	361	392	421	602	421	804	509	376	514	649	515	110	578	525	625
965	351	399	423	605	422			377	527			119	566	565	626
975	428			673	421	952	528	383	527	752	516	121	515	590	575
976	428	406	417	675	421	974	514			764	515	137	564		
995	366	424	428	680	422	993	519	384	526			142	578	703	577
		427	422	681	465	994	519	388	521	854	574	181	564	708	625
894,012	349	420	417					403	573					724	630
015	344	438	573	743	470	898,008	532			950	515	297	584	797	634
016	354	439	422	776	476			500	474						
068	349	443	477	785	465			577	529	901,028	584	348	584	810	629
070	426	445	532			094	523	587	508	042	580	364	583	816	626
		448	422	803	469					043	572	365	566	820	626
108	354	449	466	807	476	130	507	628	532	057	586	374	583	872	629
129	432	456	462	874	476			682	516	059	571	393	575		
150	352	478	476	880	461	298	522	683	529	062	564	395	575	913	631
178	357	479	476	882	461	299	526			098	586	396	575	971	634
195	431			883	461			709	517			398	575	979	635
		522	461			302	524	721	508	146	577			994	576
237	344	538	470	909	466	305	521	758	525	172	586	454	584		
254	416	569	424	911	468	311	523	778	523	196	577				
				915	471	318	469	798	523			528	578	904,021	625
320	416	618	423	916	469	333	514			202	586	546	564	096	628
323	416	657	470	937	468	367	518	823	509	294	517	568	577		
338	352	674	473	938	474	398	526	824	509			580	580	111	626
383	424	697	471	947	465			825	509	403	571	581	580	161	636
388	352			955	471	401	508	882	518	420	574			354	634
389	350	706	475	961	461	464	508	886	572	434	574				
		721	471	972	467	481	508	891	528	463	634	613	527	581	576
408	355	746	476			493	525	899	522	491	527	630	575	582	576
415	350	751	470	897,095	518	494	525					631	566		
426	344	770	466			499	474	902	526			636	632	873	576
430	350			195	467			917	516	522	565			876	577
		806	472	196	467			981	528	546	574	757	578		
602	421			197	467	535	465	984	516	554	566	764	565		
610	352	948	421					987	473	557	634	788	634	905,030	574
616	428	990	470	205	518	614	528	989	526	558	583				
661	350			208	509	671	508	994	508	562	634	813	564	449	575
				227	525	677	520					888	586		
744	422	806,012	475	276	523			900,050	578	621	572			906,552	628
760	360	019	474			706	466			648	510	956	634		
771	429	041	474	313	525	756	527	109	586	666	517			907,073	629
772	429	042	424	333	523	759	509	111	566	683	565	903,048	523		
777	416	067	470	365	508	789	508	127	516	686	565	050	633	908,447	634

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2,955,898	54	2,971,812	98	2,976,216	185	2,981,729	351	2,989,427	361	2,993,749	477	3,002,252	527		
899	51	814	107	275	184			492	356	791	514	254	519		
2,957,004	55	821	90	294	139	936	260	493	355						
010	54	822	93			2,982,234	250	519	357	800	462	836	514		
2,963,338	51	861	104	2,977,229	193	597	252	798	357	806	479	844	527		
		862	106	245	205					809	479	847	525		
893	41	864	104	250	205					811	461	858	529		
894	41			279	185	649	253	2,990,087	361	828	527	860	528		
		929	154			656	249			875	479	881	527		
2,964,377	64	930	155	320	198	670	243			901	517	939	524		
		931	155			676	243			902	518	947	520		
520	49	2,972,177	155	662	182					2,994,614	470	3,003,388	502		
2,965,631	48			664	206	990	257								
		473	134	665	205	2,983,023	242			2,995,412	473				
2,967,084	41									413	474	843	583		
090	56	509	151	2,978,290	351	567	255	304	361	414	474	845	580		
		546	156	291	182	568	251	311	362	415	478	854	577		
105	62	547	139					386	355	422	470	855	577		
		548	136	345	202	607	253			459	470	891	584		
751	61	590	146	347	197	608	246	405	353			892	584		
762	56			352	351	625	255								
784	62	795	134	362	205	626	254	712	424	520	462	905	588		
785	62					642	255			523	462	954	565		
787	64	2,973,239	150	408	185			2,991,101	429	525	469	983	566		
797	65	249	145			2,984,540	253	143	432	552	514	984	566		
		284	155	2,979,374	199	547	249	144	428			985	566		
		285	146	380	196	584	255	145	428	2,996,350	521				
841	57							146	424	397	519	3,004,021	565		
861	52	635	134	501	194	632	249	184	432	405	528	029	629		
862	53			515	349							056	565		
863	53	2,974,001	148			2,985,004	242			2,997,362	523	057	565		
867	54	002	135	933	182			228	426						
870	47	053	145	934	183			260	429						
871	52	055	148			501	309	296	417	407	509	821	573		
2,968,175	41	057	152	2,980,487	202	511	303			420	527	857	578		
		058	152	488	199	539	303	536	477	432	524	858	578		
279	41	059	147	489	205	543	309	537	477			859	578		
		060	147	490	205					773	527	870	586		
		061	156	491	205	2,986,445	309	2,992,061	417						
529	56					476	312	062	428	2,998,293	528	923	565		
538	66	134	135	509	197			064	428						
581	64	141	143	511	196	536	310	074	424	326	521	3,005,688	591		
				545	198	547	310			327	508	689	564		
661	52	394	134	549	196			123	424	328	519				
2,969,015	62	395	150	551	202	2,987,102	311	126	416	329	526	712	571		
		432	155	556	185	104	311	138	431	332	519	723	587		
366	54			557	205					338	527	724	577		
2,970,126	66	586	134			368	360	204	426			725	577		
137	48			623	249	370	363			2,999,002	523	726	584		
158	42	838	134	625	249			878	475	003	528	727	587		
160	42			638	250			879	478	007	518	730	586		
345	64	2,975,018	160	642	250	417	361	881	477	011	518				
362	65	053	139	644	249	421	363	882	471	025	519	3,006,055	634		
		077	155	645	257	496	303			026	516				
880	62	081	151	646	257	2,988,417	431	933	471			714	635		
881	66	169	148	647	257			942	477	294	532	728	630		
882	59			648	257	514	426	943	461	295	508	759	628		
884	58	628	157	671	247			944	477			779	635		
		754	134	691	353	800	363	964	527	731	523	830	631		
909	47			709	352	801	363	999	472	774	526				
926	65	2,976,111	206			2,980,360	360	2,993,065	517	3,000,298	524	3,007,774	629		
934	59	127	182	2,981,588	253	365	363			689	528	775	629		
962	42	128	182	589	254			261	477						
963	42	146	190	596	249	406	357	371	480	833	510				
964	42	151	193			407	356			835	509	3,008,620	625		
965	56	165	202	604	249	409	345	470	477	840	510				
993	51	182	185	628	255	411	354			841	529	844	630		
2,971,458	151	183	205	634	260	412	424	744	478	863	509	845	630		
		186	184	691	243	414	363	745	472			846	632		
				692	243	416	345	746	477	982	518	847	630		
						422	344	747	477						
						423	363	748	477	3,001,912	518	962	629		



# LIST OF PERIODICALS ABSTRACTED

With Abbreviated Titles used

JANUARY—DECEMBER 1962

ABBREVIATED TITLE	JOURNAL	ADDRESS OF PUBLISHER
<i>Amer. Dyestuff Rep.</i> ...	American Dyestuff Reporter ...	44 E. 23rd Street, New York 10, N.Y., U.S.A.
<i>Anal. Chem.</i> ...	Analytical Chemistry ...	American Chemical Society, 20th and Northampton Streets, Easton, Pa., U.S.A.
<i>Analyst</i> ...	Analyst ...	7-8 Idol Lane, London E.C.3.
<i>Australian J. Biol. Sci.</i> ...	Australian Journal of Biological Sciences ...	Commonwealth Scientific and Industrial Research Organisation, 314 Albert Street, East Melbourne C2, Victoria, Australia.
<i>Biochem. J.</i> ...	Biochemical Journal ...	Cambridge University Press, Bentley House, 200 Euston Road, London N.W.1.
<i>Biochim. Biophys. Acta</i> ...	Biochimica et Biophysica Acta ...	Elsevier Publishing Company, Spuistraat 112, Amsterdam C, Holland.
<i>Bull. centre recherches Bonneterie</i> ...	Bulletin du Centre de Recherches de la Bonneterie ...	Centre de Recherches de la Bonneterie, 270 Rue du Faubourg Croncels, Troyes (Aube), France.
<i>Bull. Chem. Soc. Japan</i> ...	Bulletin of the Chemical Society of Japan ...	5, 1-Chome, Surugadai-Kanda, Chiyoda-ku, Tokyo, Japan
<i>Bull. Inst. Text. France</i> ...	Bulletin de l'Institut Textile de France ...	50 Rue de la Faisanderie, Paris (16 <sup>e</sup> ), France.
<i>Bull. Soc. industr. Mulhouse</i> ...	Bulletin de la Société Industrielle de Mulhouse ...	12 Rue de la Bourse, Mulhouse (Haut-Rhin), France.
<i>Canadian Textile J.</i> ...	Canadian Textile Journal ...	Canadian Textile Journal Publishing Co. Ltd., 4795 St. Catherine Street West, Montreal 6, Quebec Canada.
<i>Chem. Abs.</i> ...	Chemical Abstracts ...	American Chemical Society, 1155 16th Street, N.W. Washington 6, D.C., U.S.A.
<i>Chem. and Ind.</i> ...	Chemistry and Industry ...	14 Belgrave Square, London S.W.1.
<i>Chem. Trade J.</i> ...	Chemical Trade Journal and Chemical Engineer ...	Finwell House, 26 Finsbury Square, London E.C.2.
<i>Chemiefasern</i> ...	Chemiefasern ...	Deutscher Fachverlag G.m.b.H., Frankfurt/Main, Freiherr-vom-Stein-Strasse 7, Germany.
<i>Ciba Review</i> ...	Ciba Review ...	Ciba Ltd., Basle, Switzerland.
<i>Deutsche Farben-Zeitschrift</i> ...	Deutsche Farben-Zeitschrift ...	Wissenschaftliche Verlag G.m.b.H., Stuttgart N, Birkenwaldstrasse 44, Germany
<i>Die Farbe</i> ...	Die Farbe ...	Musterschmidt-Verlag, Göttingen, Turmstrasse 7, Postfach 421, Germany.
<i>Doklady Akad. Nauk S.S.S.R.</i> ...	Doklady Akademii Nauk S.S.S.R. ...	Academy of Sciences of the U.S.S.R., Moscow, Shubinskii pereulok 10, U.S.S.R.
<i>Dyer</i> ...	The Dyer, Textile Printer, Bleacher and Finisher ...	Heywood & Co. Ltd., Drury House, Russell Street, Drury Lane, London W.C.2.
<i>Endeavour</i> ...	Endeavour ...	Imperial Chemical Industries Ltd., Millbank, London S.W.1
<i>Faserforsch. und Textiltech.</i> ...	Faserforschung und Textiltechnik ...	Akademie-Verlag G.m.b.H., Berlin W.8, Leipzigerstrasse 3-4, Germany.
<i>Helv. chim. Acta</i> ...	Helvetica chimica Acta ...	Verlag Helvetica Chimica Acta, Basle 7, Switzerland.
<i>Ind. Eng. Chem.</i> ...	Industrial and Engineering Chemistry ...	American Chemical Society, 1155 16th Street, N.W., Washington 6, D.C., U.S.A.
<i>Indian Textile J.</i> ...	Indian Textile Journal ...	The Indian Textile Journal Ltd., "Surya Mahal", Military Square, Fort, Bombay, India.
<i>Izvestiya Akad. Nauk S.S.S.R., odel. khim. nauk</i> ...	Izvestiya Akademii Nauk S.S.S.R. ...	Academy of Sciences of the U.S.S.R., Moscow, Shubinskii pereulok 10, U.S.S.R.
<i>J. Amer. Chem. Soc.</i> ...	Journal of the American Chemical Society ...	1155 16th Street, N.W., Washington 6, D.C., U.S.A.
<i>J. Amer. Leather Chem. Assoc.</i> ...	Journal of the American Leather Chemists' Association ...	228 North Green Street, Easton, Pennsylvania, U.S.A.
<i>J. Appl. Chem.</i> ...	Journal of Applied Chemistry ...	Society of Chemical Industry, 14 Belgrave Square, London S.W.1.
<i>J. Applied Polymer Sci.</i> ...	Journal of Applied Polymer Science ...	Interscience Publishers Ltd., 88-90 Chancery Lane, London W.C.2.
<i>J. Assocn. Off. Agric. Chem.</i> ...	Journal of the Association of Official Agricultural Chemists ...	Association of Official Agricultural Chemists, Washington, D.C., U.S.A.
<i>J. Biol. Chem.</i> ...	Journal of Biological Chemistry ...	Mount Royal and Guilford Avenues, Baltimore 2, Maryland, U.S.A.
<i>J.C.S.</i> ...	Journal of the Chemical Society ...	Burlington House, London W.1.
<i>J. Chem. Phys.</i> ...	Journal of Chemical Physics ...	American Institute of Physics, Lancaster, Pennsylvania, U.S.A.
<i>J. Chromatography</i> ...	Journal of Chromatography ...	Elsevier Publishing Co., 110-112 Spuistraat, Amsterdam, Holland.
<i>J. Colloid Sci.</i> ...	Journal of Colloid Science ...	Academic Press, Mount Royal and Guilford Avenues, Baltimore, Maryland, U.S.A.
<i>J. Indian Chem. Soc.</i> ...	Journal of the Indian Chemical Society ...	92 Acharya Prafulla Chandra Road, Calcutta 9, India.
<i>J. Oil &amp; Col. Chem. Assocn.</i> ...	Journal of the Oil and Colour Chemists' Association ...	Wax Chandlers' Hall, Gresham Street, London E.C.2.
<i>J. Opt. Soc. Amer.</i> ...	Journal of the Optical Society of America ...	American Institute of Physics, Prince and Lemon Streets, Lancaster, Pennsylvania, U.S.A.
<i>J. Physical Chem.</i> ...	Journal of Physical Chemistry ...	American Chemical Society, 20th and Northampton Streets Easton, Pa., U.S.A.
<i>J. Plastics Inst.</i> ...	Transactions and Journal, The Plastics Institute ...	6 Mandeville Place, London, W.1.
<i>J. Polymer Sci.</i> ...	Journal of Polymer Science ...	Interscience Publishers Inc., 250 Fifth Avenue, New York 1, N.Y., U.S.A.
<i>J. Res. Nat. Bur. Stand.</i> ...	Journal of Research of the National Bureau of Standards ...	Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C., U.S.A.

## LIST OF PERIODICALS ABSTRACTED—continued

ABBREVIATED TITLE	JOURNAL	ADDRESS OF PUBLISHER
<i>J. Roy. Inst. Chem.</i> ... ..	Journal of the Royal Institute of Chemistry ...	Royal Institute of Chemistry, 30 Russell Square, London W.C.1.
<i>J. Soc. Leather Trades Chem.</i> ... ..	Journal of the Society of Leather Trades' Chemists ... ..	52 Crouch Hall Lane, Redbourn, Herts.
<i>J. Soc. Textile Cellulose Ind. Japan</i> ... ..	Journal of the Society of Textile and Cellulose Industries, Japan (Sen-i Gakkaishi)	c/o Tokyo Institute of Technology, Ookayama, Meguro-ku, Tokyo, Japan.
<i>J. Textile Inst.</i> ... ..	Journal of the Textile Institute ... ..	10 Blackfriars Street, Manchester 3.
<i>Kolloid. zhur.</i> ... ..	Kolloidnyi zhurnal (Colloid Journal of the U.S.S.R.)	Academy of Sciences of the U.S.S.R., Moscow K-31, Kuznetskii most 9-10, U.S.S.R.
<i>Makromol. Chem.</i> ... ..	Die Makromolekulare Chemie ... ..	Dr. Alfred Hüthig Verlag, G.m.b.H., Wilckenstr. 3, Heidelberg, Germany
<i>Melliand Textilber.</i> ... ..	Melliand Textilberichte ... ..	Melliand Textilberichte KG, Rohrbacherstr. 76, Heidelberg, Germany.
<i>Mh. Chem.</i> ... ..	Monatshefte für Chemie und verwandte Teile anderer Wissenschaften	Springer-Verlag, Wien I, Mölkerbastei 5, Austria.
<i>Nature</i> ... ..	Nature ... ..	Macmillan & Co. Ltd., St. Martin's Street, London, W.C.2.
<i>Off. Dig. Fed. Soc. Paint Technol.</i> ... ..	Official Digest, Federation of Societies for Paint Technology	121 South Broad Street, Philadelphia 7, Pa., U.S.A.
<i>Optics and Spectroscopy</i> ... ..	English translation of— Optika i Spektroskopiya	The Optical Society of America, Inc., 33 University Road, Cambridge 38, Massachusetts, U.S.A.
<i>Pakistan J. Scientific and Industrial Res.</i> ... ..	Pakistan Journal of Scientific and Industrial Research	39 Garden Road, Karachi-3, Pakistan.
<i>Polish Tech. Abs.</i> ... ..	Polish Technical Abstracts ... ..	Warsaw, Aleje Niepodleglosci 188, Poland.
<i>Proc. Chem. Soc.</i> ... ..	Proceedings of the Chemical Society ... ..	Burlington House, London W.1.
<i>Proc. I.R.I.</i> ... ..	Transactions and Proceedings Institution of the Rubber Industry	4 Kensington Palace Gardens, London W.8.
<i>Proc. Roy. Soc.</i> ... ..	Proceedings of the Royal Society ... ..	Burlington House, London, W.1.
<i>Rec. Trav. chim.</i> ... ..	Recueil des Travaux chimiques des Pays-Bas ...	Bureau Lange Vorhuut 5, 's-Gravenhage, Holland.
<i>Rept. Govt. Chem. Ind. Research Inst. Tokyo</i> ... ..	Reports of the Government Chemical Industrial Research Institute, Tokyo	1-chome, Hon-machi, Shibuya-ku, Tokyo, Japan.
<i>Skinner's Rec.</i> ... ..	Skinner's Record of the Man-made Fibres Industry	St. James House, 44 Brazennose Street, Manchester 2.
<i>Studii și Cercetări, Științe Chimice (Timișoara)</i> ... ..	Studii și Cercetări Științifice, Timișoara, Seria Științe Chimice	Academia Republicii Populare Romine, Baza de Cercetări Științifice, Timișoara, Bul. Mihai Viteazul 24, Roumania.
<i>Svensk Papperstidning</i> ... ..	Svensk Papperstidning ... ..	Villagatan 1, Stockholm O, Sweden.
<i>S.V.F. Fachorgan</i> ... ..	S.V.F. Fachorgan für Textilveredlung ... ..	Basle 1, Postfach 201, Switzerland.
<i>Teintex</i> ... ..	Teintex, Incorporating Revue Générale des Matières Colorantes ... ..	60 rue Richelleu, Paris (2 <sup>e</sup> ), France.
<i>Teinture et Apprêts</i> ... ..	Teinture et Apprêts ... ..	Société d'Éditions Techniques de la Manutention Textile, 12 Rue d'Anjou, Paris (8 <sup>e</sup> ), France.
<i>Tekhnol. tekstil. Prom.</i> ... ..	Izvestiya vysshikh uchebnykh zavedenii, Tekhnologiya tekstil'noi promyshlennosti (Technology of the Textile Industry of the U.S.S.R.) ... ..	Ivanova, ulitsa Fridrikha Engel'sa 21, U.S.S.R.
<i>Tekstil. prom.</i> ... ..	Tekstil'naya promyshlennost' (Textile Industry of the U.S.S.R.)	Gizlegprom, Moscow, Tsentr, ulitsa Kirova 39, 6-1 etazh Komnata 620, U.S.S.R.
<i>Tex</i> ... ..	De Tex ... ..	Uitg. C. Misset N.V., Doetinchem, Holland.
<i>Text. Manuf.</i> ... ..	Textile Manufacturer ... ..	31 King Street West, Manchester 3.
<i>Text. Rec.</i> ... ..	Textile Recorder ... ..	Old Colony House, South King Street, Manchester 2.
<i>Text. Research J.</i> ... ..	Textile Research Journal ... ..	Prince and Lemon Streets, Lancaster, Pennsylvania, U.S.A.
<i>Textil Praxis</i> ... ..	Textil Praxis ... ..	Konradin-Verlag Robert Kohlhammer G.m.b.H., Stuttgart 1, Postfach 625, Germany.
<i>Textil-Rund.</i> ... ..	Textil-Rundschau ... ..	Verlag Zollikofer & Co., St. Gallen, Switzerland.
<i>Textile J. of Australia</i> ... ..	Textile Journal of Australia ... ..	19-47 Jeffcott Street, Melbourne, Australia.
<i>Tinctoria</i> ... ..	Tinctoria ... ..	Via Negrolì 51, Milan, Italy.
<i>Tint. ind.</i> ... ..	Tintoreria industrial ... ..	Av. de Mayo 715, Buenos Aires, Argentina.
<i>Trans. Faraday Soc.</i> ... ..	Transactions of the Faraday Society ... ..	Aberdeen University Press Ltd., 6 Upper Kirkgate, Aberdeen, Scotland.
<i>Trans. I.R.I.</i> ... ..	Transactions and Proceedings Institution of the Rubber Industry ... ..	4 Kensington Palace Gardens, London W.8.
<i>Trans. Plastics Inst.</i> ... ..	Transactions and Journal The Plastics Institute (Chemical Journal) ... ..	6 Mandeville Place, London W.1.
<i>Ukrain. khim. zhur.</i> ... ..	Ukrainskii khimicheskii zhurnal (Ukrainian Chemical Journal) ... ..	Kiev, 30, ulitsa Leontovicha 9a, U.S.S.R.
<i>Zesz. Nauk. Politech. Łódz.</i> ... ..	Zeszyty Naukowe Politechniki Łódzkiej ... ..	Łódź, Gdanska 155, Poland.
<i>Zhur. obshch. khim.</i> ... ..	Zhurnal obshchei khimii (Journal of General Chemistry of the U.S.S.R.)	Academy of Sciences of the U.S.S.R., Leningrad B-164, Mendelevskaya liniya, U.S.S.R.
<i>Zhur. priklad. khim.</i> ... ..	Zhurnal prikladnoi khimii (Journal of Applied Chemistry of the U.S.S.R.)	Academy of Sciences of the U.S.S.R., Leningrad B-164, Mendelevskaya liniya, U.S.S.R.

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density

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distill, -lec

electrom

equation.

# ABBREVIATIONS AND SYMBOLS USED IN THE JOURNAL OF THE SOCIETY OF DYERS AND COLOURISTS

No distinction is made in abbreviations between singular and plural

In special cases abbreviations and symbols other than those in the list may be used, but as far as possible they will be as given either in standard English dictionaries or in *British Standard 1991:Part 1:1954*

absolute ...	abs.	equimolecular ...	equimol.	Patent ...	P
acetyl ...	Ac	equivalent ...	equiv.	phenyl ...	Ph
alkyl radical (in chemical formula) ...	Alk	ethyl ...	Et	poise ...	P
alternating current ...	a.c.	Fahrenheit ...	F	potential difference ...	p.d.
ampère ...	A	foot ...	ft	pound ...	lb
Angström unit ...	Å	freezing point ...	f.p.	precipitate ...	ppt.
anhydrous ...	anhyd.	French Patent ...	FP	precipitated ...	pptd.
approximate, -ly ...	approx., ca.	gallon (Imperial) ...	gal	precipitation ...	pptn.
aqueous ...	aq.	gallon (U.S.A.) ...	gal(U.S.A.)	proportional to ...	∝
aryl radical (in chemical formula) ...	Ar	German Patent ...	GP	propyl (normal) ...	Pr <sup>n</sup>
asymmetric (applied to organic compounds) ...	as-	gram ...	g	propyl (iso) ...	Pr <sup>i</sup>
atmosphere (pressure unit) ...	atm	gram-molecule ...	mole	pseudo- (organic compound) ...	ψ-
atomic ...	at.	greater than ...	>	qualitative(ly) ...	qual.
atomic weight ...	at. wt.	halogen (in chemical formula) ...	Hal	quantitative(ly) ...	quant.
Baumé ...	Bé	horse power ...	h.p.	racemic (organic chemistry) ...	r-
benzoyl ...	Bz	hour ...	h	recrystallised ...	recryst.
boiling point ...	b.p.	hydrogen ion concentration (negative logarithm) ...	pH	refractive index ...	n
British Patent ...	BP	inch ...	in.	relative humidity ...	r.h.
British thermal unit ...	B.t.u.	infrared ...	i.r.	revolutions per minute ...	rev/min
butyl (normal) ...	Bu <sup>n</sup>	inorganic ...	inorg.	röntgen ...	r
butyl (iso) ...	Bu <sup>i</sup>	insoluble ...	insol.	saturate(d) ...	sat.*
butyl (tertiary) ...	Bu <sup>t</sup>	kilocalorie ...	kcal	second ...	s
calculated ...	calc.	kilogram ...	kg	secondary (organic compound) ...	s-
calorie ...	cal	laevorotatory ...	laevo, (-)	soluble ...	sol.
Celsius (centigrade) ...	C	less than ...	<	solution ...	soln.
centi ...	c	litre ...	l.	specific ...	sp.
compound ...	cpd.	logarithm (decadic) ...	log	specific gravity ...	sp. gr.
concentrated ...	conc.	logarithm (natural) ...	ln	square in. (etc.) ...	in <sup>2</sup> (etc.)
concentration ...	concn.	maximum ...	max.	stokes ...	S
configuration (carbohydrates and amino acids) ...	D-, L-	melting point ...	m.p.	substituted ...	subst.*
constant ...	const.	meta- ...	m-	substitution on nitrogen, oxygen, etc. ...	N-, O-, etc.
containing more than n carbon atoms ...	containing > n C	methyl ...	Me	symmetrical (organic compound) ...	s-
corrected ...	corr.	metre ...	m	temperature ...	temp.
crystal, -line, -lised (adjective) ...	cryst.	microgram ...	μg	tertiary- (organic compound) ...	t-
cubic centimetre (etc.) ...	cm <sup>3</sup> (etc.)	micron ...	μ	turns per inch ...	turns/in
curie ...	c	milli- ...	m	Twaddell ...	Tw
decomposition ...	decomp.	millilitre ...	ml	United States Patent ...	USP
degree ...	deg.	minimum ...	min.	ultraviolet ...	u.v.
degree of polymerisation ...	D.P.	minute ...	min	unsaturated ...	unsat.*
degree of substitution ...	D.S.	molar (concentration) ...	M	unsubstituted ...	unsubst.*
density ...	ρ	molecular, -e ...	mol.	viscosity ...	η
derivative ...	deriv.	molecular weight ...	mol. wt.	volt ...	V
dextrorotatory ...	dextro, (+)-	normal (concentration) ...	N	volume ...	vol.
dilute ...	dil.	normal (organic compound) ...	n-	watt ...	W
direct current ...	d.c.	not greater than ...	≧	wavelength ...	λ
distil, -led ...	dist.	not less than ...	≦	weight ...	wt.
electromotive force ...	e.m.f.	organic ...	org.	yard ...	yd
equation ...	eqn.	ortho- ...	o-		
		ounce ...	oz		
		para- ...	p-		
		parts per million ...	p.p.m.		

\* Only in describing general formulae in the Abstracts Section